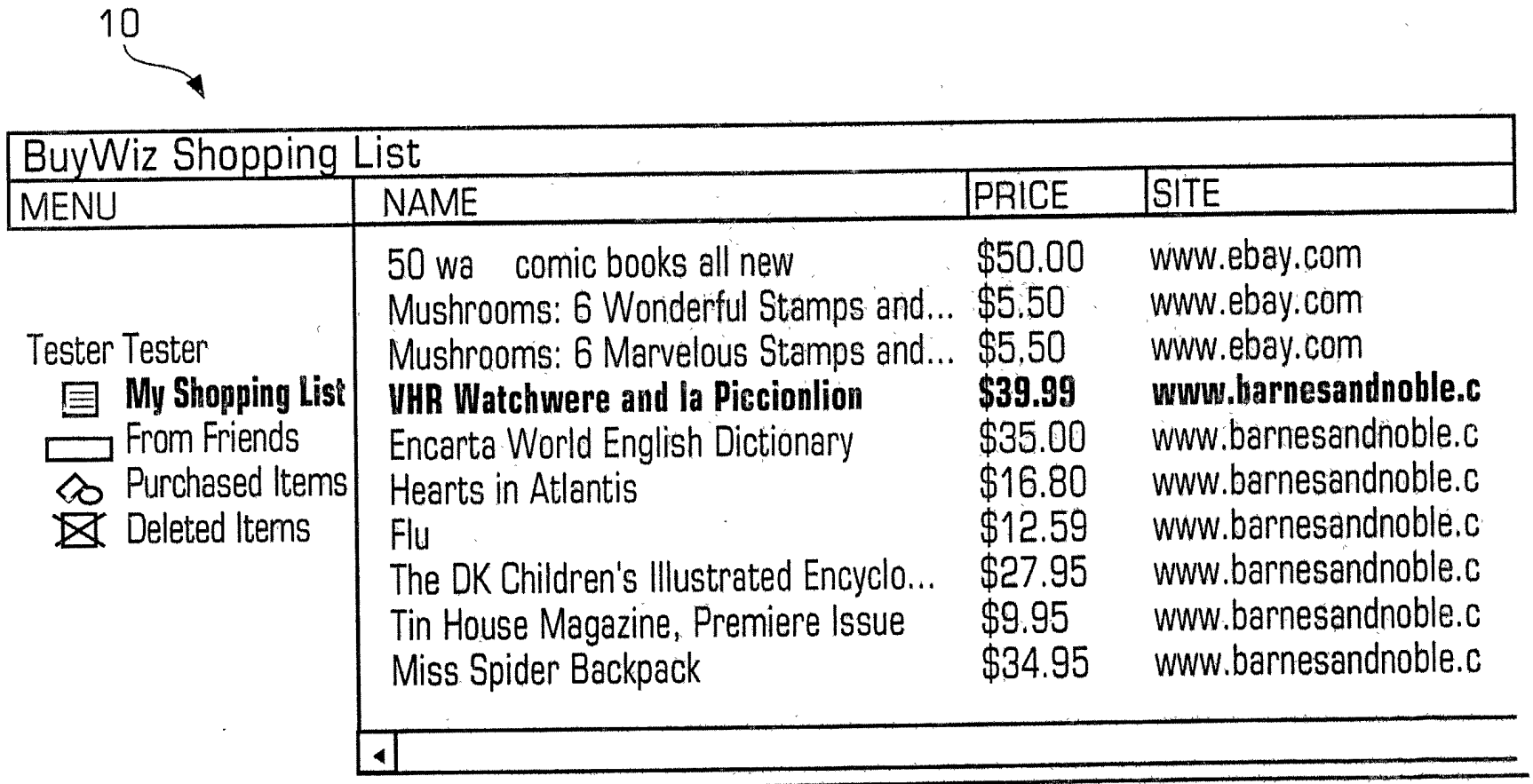


Illustration 1. The BuyWiz Universal Shopping Cart contains items to be purchased from multiple merchants

FIG. 1

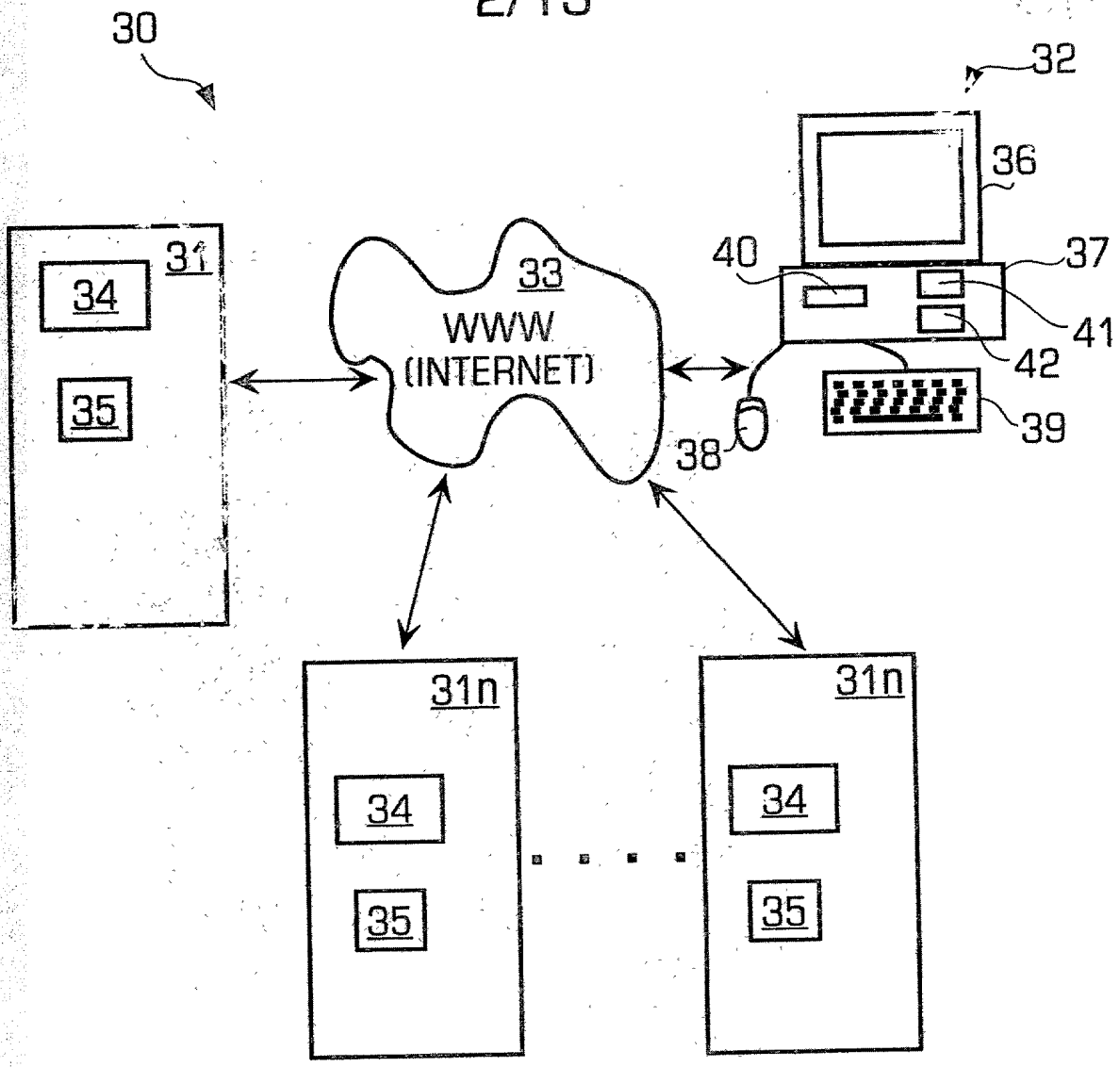

30
32
36
31
34
35
33
WWW
(INTERNET)
40
37
41
42
38
39
31n
34
35
31n
34
35

FIG. 2

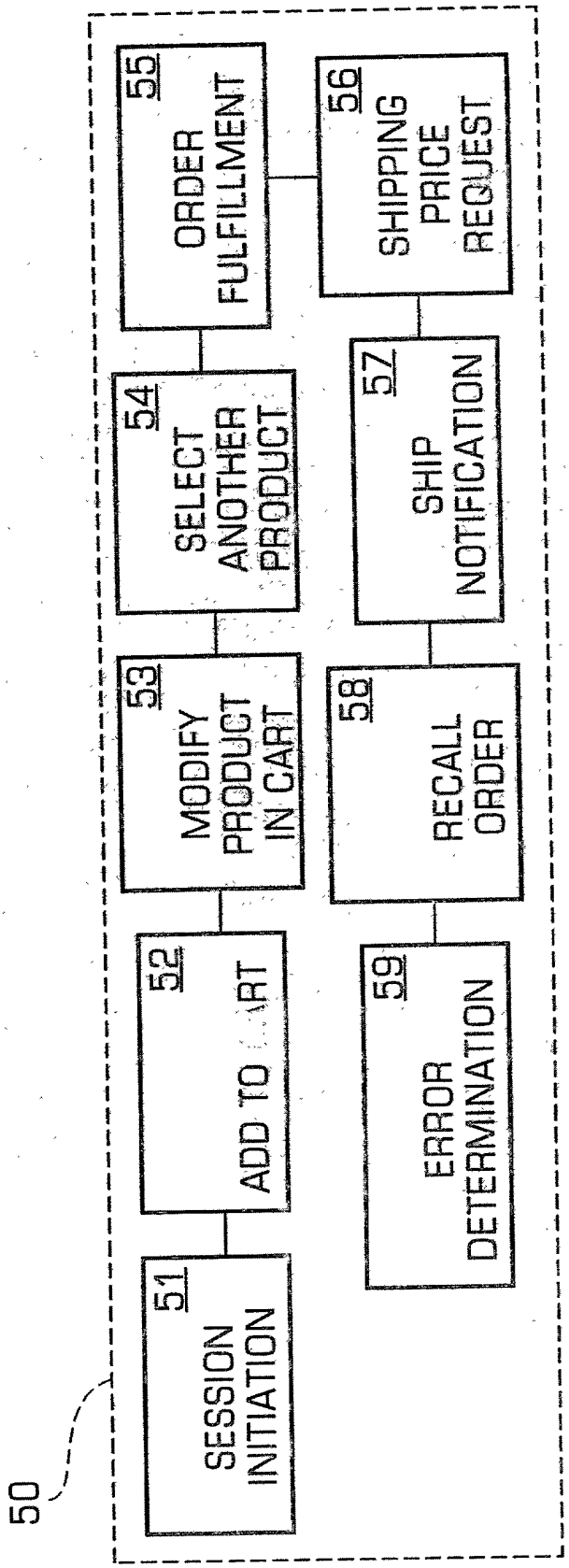

50
51
SESSION INITIATION
52
ADD TO CART
53
MODIFY PRODUCT IN CART
54
SELECT ANOTHER PRODUCT
55
ORDER FULFILLMENT
56
SHIPPING PRICE REQUEST
57
SHIP NOTIFICATION
58
RECALL ORDER
59
ERROR DETERMINATION

FIG. 3

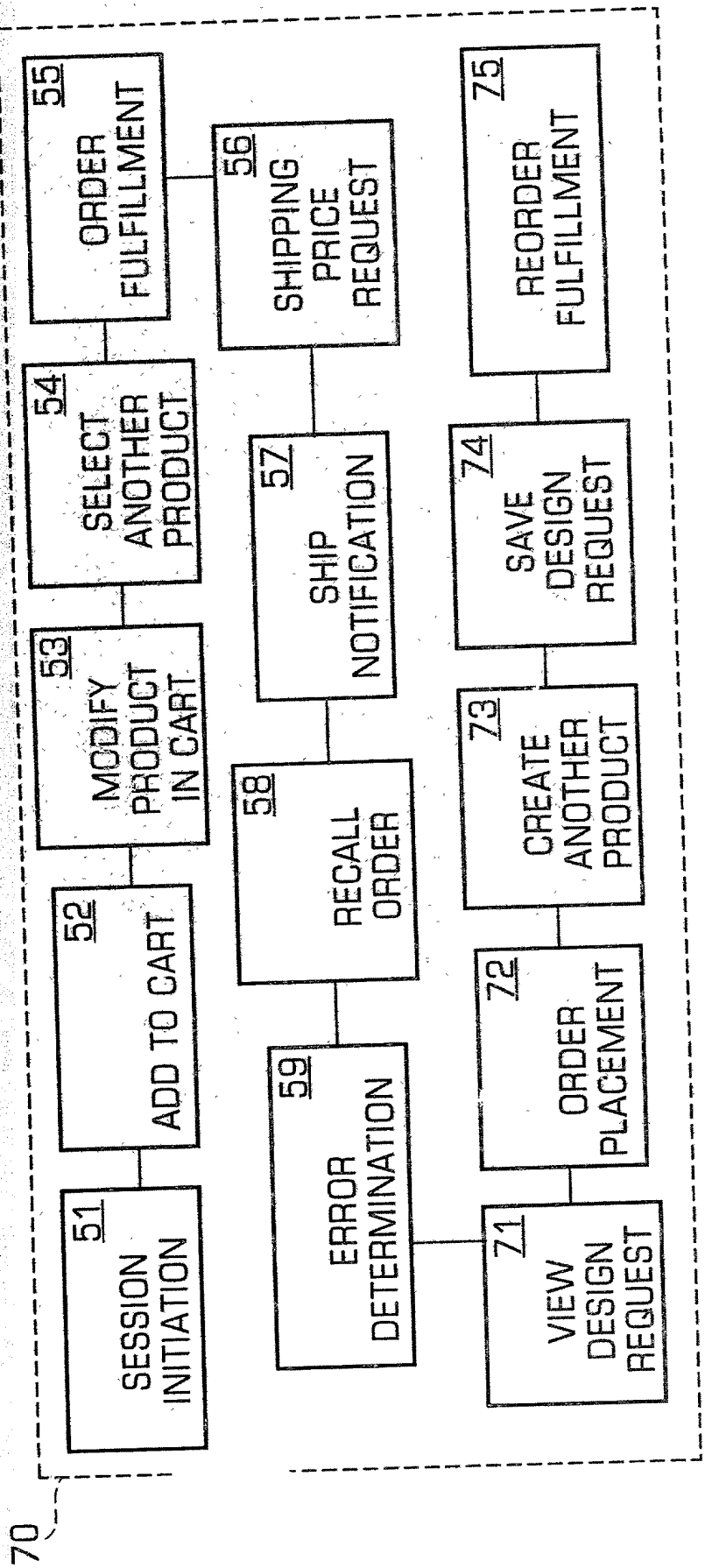
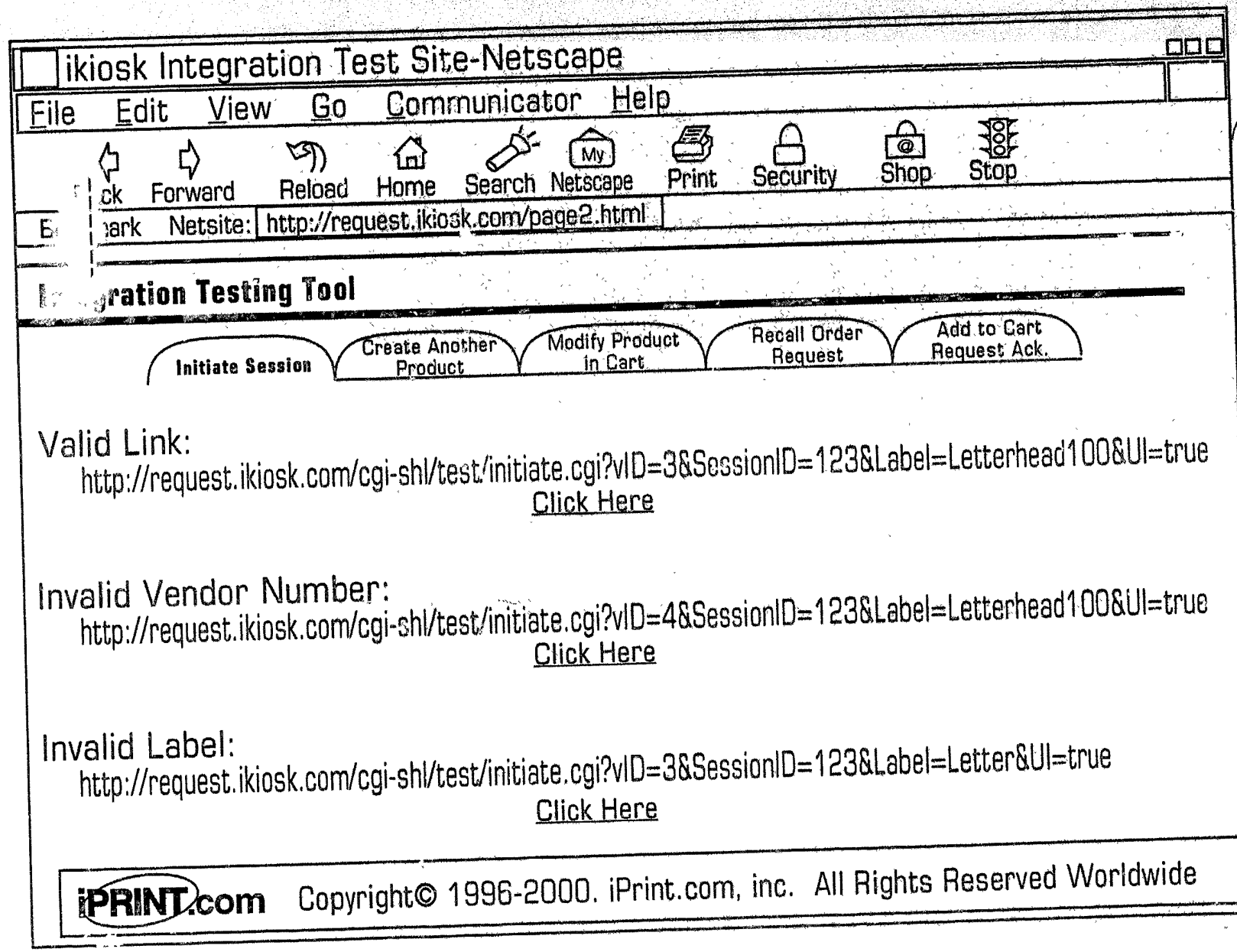

70
51
SESSION INITIATION
52
ADD TO CART
53
MODIFY PRODUCT IN CART
54
SELECT ANOTHER PRODUCT
55
ORDER FULFILLMENT
56
SHIPPING PRICE REQUEST
57
SHIP NOTIFICATION
58
RECALL ORDER
59
ERROR DETERMINATION
71
VIEW DESIGN REQUEST
72
ORDER PLACEMENT
73
CREATE ANOTHER PRODUCT
74
SAVE DESIGN REQUEST
75
REORDER FULFILLMENT

FIG. 4


ikiosk Integration Test Site-Netscape
File Edit View Go Communicator Help
ck Forward Reload Home Search My Netscape Print Security Shop Stop
ark Netsite: http://request.ikiosk.com/page2.html
gration Testing Tool
Initiate Session
Create Another Product
Modify Product in Cart
Recall Order Request
Add to Cart Request Ack.
Valid Link:
http://request.ikiosk.com/cgi-shl/test/initiate.cgi?vID=3&SessionID=123&Label=Letterhead100&UI=true
Click Here
Invalid Vendor Number:
http://request.ikiosk.com/cgi-shl/test/initiate.cgi?vID=4&SessionID=123&Label=Letterhead100&UI=true
Click Here
Invalid Label:
http://request.ikiosk.com/cgi-shl/test/initiate.cgi?vID=3&SessionID=123&Label=Letter&UI=true
Click Here
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79

FIG. 5

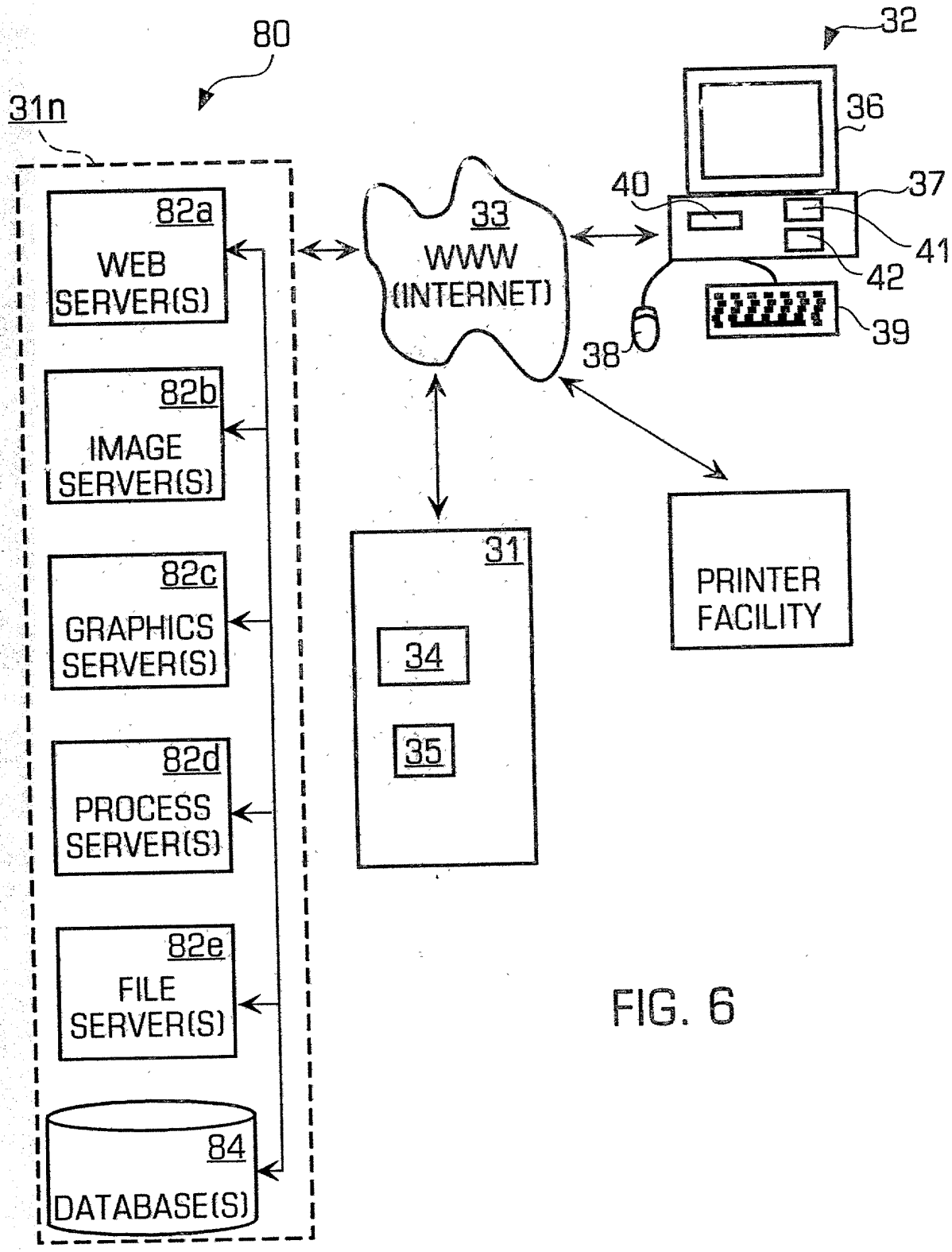
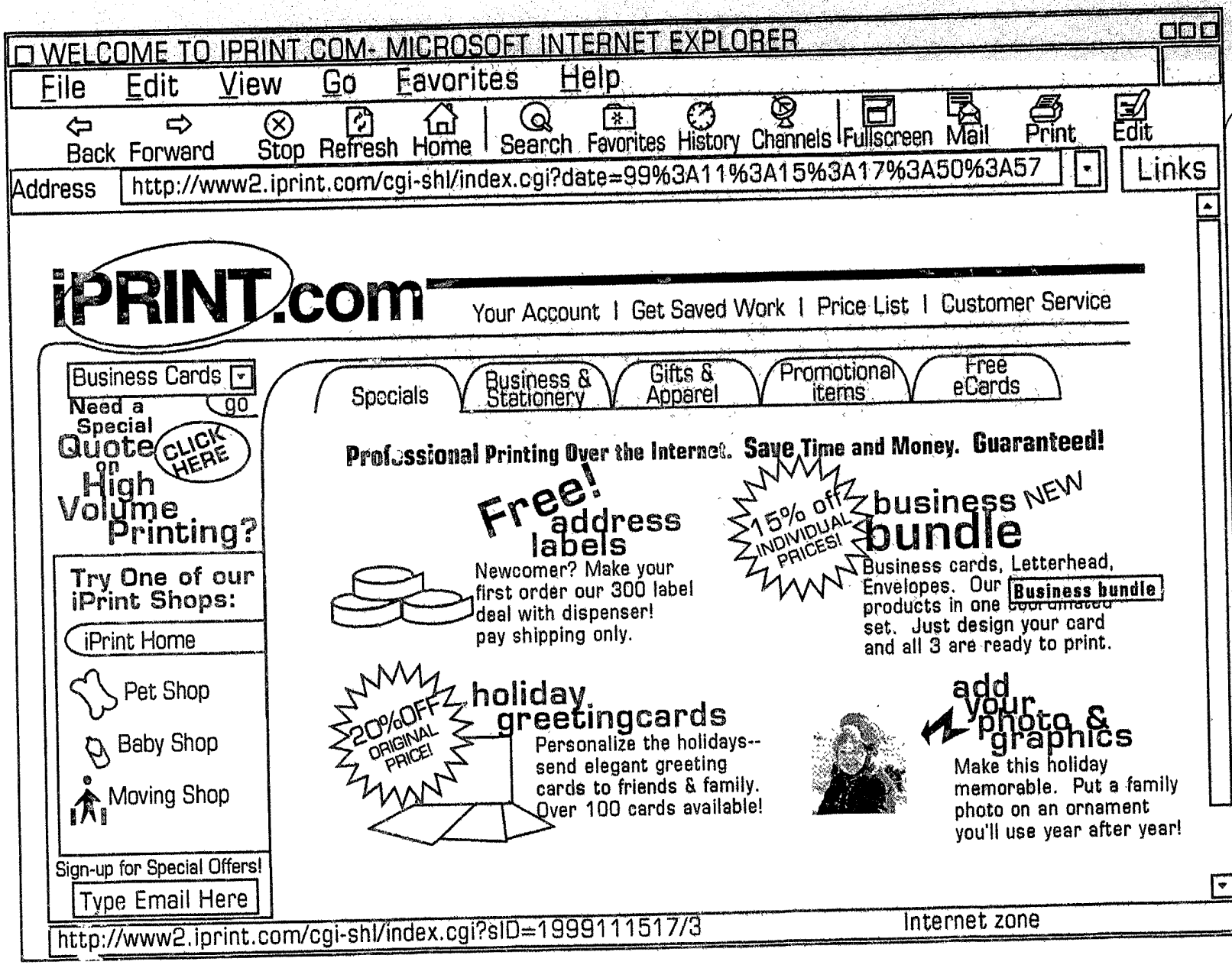

80
31n
82a
WEB SERVER(S)
82b
IMAGE SERVER(S)
82c
GRAPHICS SERVER(S)
82d
PROCESS SERVER(S)
82e
FILE SERVER(S)
84
DATABASE(S)
33
WWW (INTERNET)
31
34
35
32
36
37
40
41
42
38
39
PRINTER FACILITY

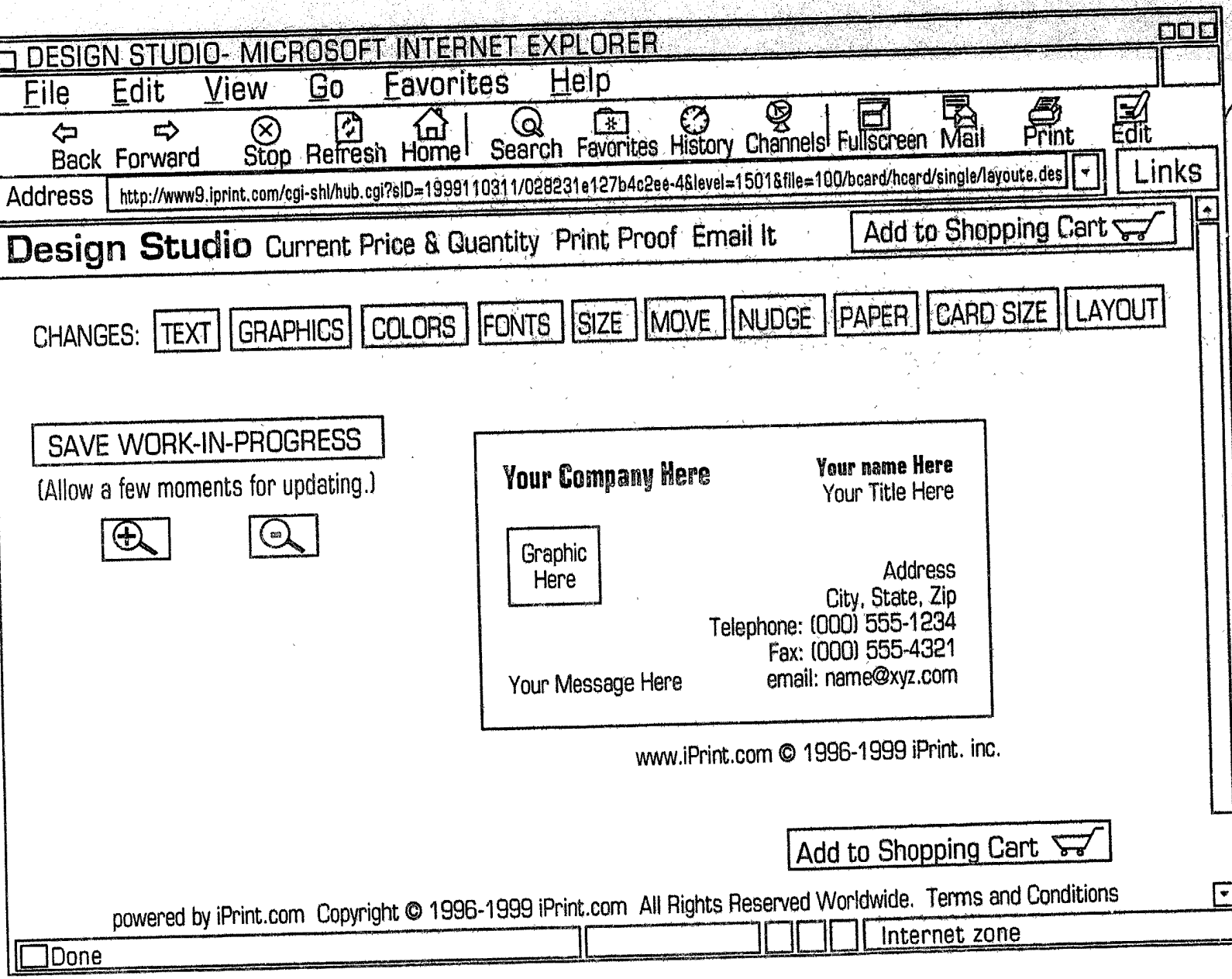
FIG. 6


WELCOME TO IPRINT.COM- MICROSOFT INTERNET EXPLORER
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www2.iprint.com/cgi-shl/index.cgi?date=99%3A11%3A15%3A17%3A50%3A57
Links
iPRINT.com
Your Account | Get Saved Work | Price List | Customer Service
Business Cards
Need a Special Quote on High Volume Printing?
CLICK HERE
Try One of our iPrint Shops:
iPrint Home
Pet Shop
Baby Shop
Moving Shop
Sign-up for Special Offers!
Type Email Here
Specials
Business & Stationery
Gifts & Apparel
Promotional items
Free eCards
Professional Printing Over the Internet. Save Time and Money. Guaranteed!
Free! address labels
Newcomer? Make your first order our 300 label deal with dispenser! pay shipping only.
15% off INDIVIDUAL PRICES!
NEW business bundle
Business cards, Letterhead, Envelopes. Our products in one coordinated set. Just design your card and all 3 are ready to print.
Business bundle
20%OFF ORIGINAL PRICE!
holiday greetingcards
Personalize the holidays-- send elegant greeting cards to friends & family. Over 100 cards available!
add your photo & graphics
Make this holiday memorable. Put a family photo on an ornament you'll use year after year!
http://www2.iprint.com/cgi-shl/index.cgi?sID=1999111517/3
Internet zone

90

7/15

FIG. 7


DESIGN STUDIO- MICROSOFT INTERNET EXPLORER
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www9.iprint.com/cgi-shl/hub.cgi?sID=199911031l/028231e127b4c2ee-4&level=1501&file=100/bcard/hcard/single/layoute.des
Links
Design Studio Current Price & Quantity Print Proof Email It
Add to Shopping Cart
CHANGES: TEXT GRAPHICS COLORS FONTS SIZE MOVE NUDGE PAPER CARD SIZE LAYOUT
SAVE WORK-IN-PROGRESS
(Allow a few moments for updating.)
Your Company Here
Your name Here
Your Title Here
Graphic Here
Address
City, State, Zip
Telephone: (000) 555-1234
Fax: (000) 555-4321
email: name@xyz.com
Your Message Here
www.iPrint.com © 1996-1999 iPrint. inc.
Add to Shopping Cart
powered by iPrint.com Copyright © 1996-1999 iPrint.com All Rights Reserved Worldwide. Terms and Conditions
Done
Internet zone

95

FIG. 8A

8/15

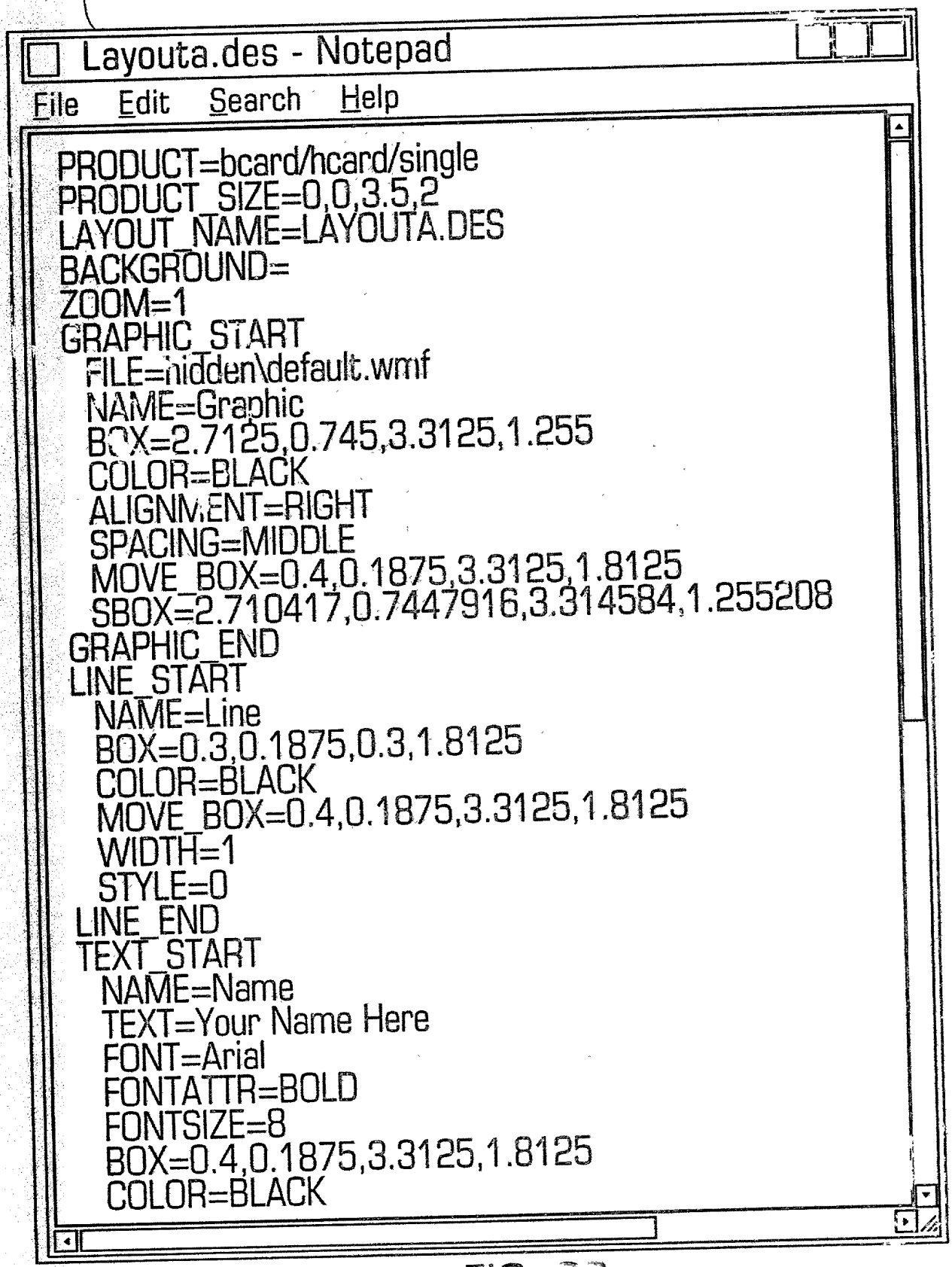

100
Layouta.des - Notepad
File Edit Search Help
PRODUCT=bcard/hcard/single
PRODUCT_SIZE=0,0,3.5,2
LAYOUT_NAME=LAYOUTA.DES
BACKGROUND=
ZOOM=1
GRAPHIC_START
FILE=hidden\default.wmf
NAME=Graphic
BOX=2.7125,0.745,3.3125,1.255
COLOR=BLACK
ALIGNMENT=RIGHT
SPACING=MIDDLE
MOVE_BOX=0.4,0.1875,3.3125,1.8125
SBOX=2.710417,0.7447916,3.314584,1.255208
GRAPHIC_END
LINE_START
NAME=Line
BOX=0.3,0.1875,0.3,1.8125
COLOR=BLACK
MOVE_BOX=0.4,0.1875,3.3125,1.8125
WIDTH=1
STYLE=0
LINE_END
TEXT_START
NAME=Name
TEXT=Your Name Here
FONT=Arial
FONTATTR=BOLD
FONTSIZE=8
BOX=0.4,0.1875,3.3125,1.8125
COLOR=BLACK

FIG. 8B

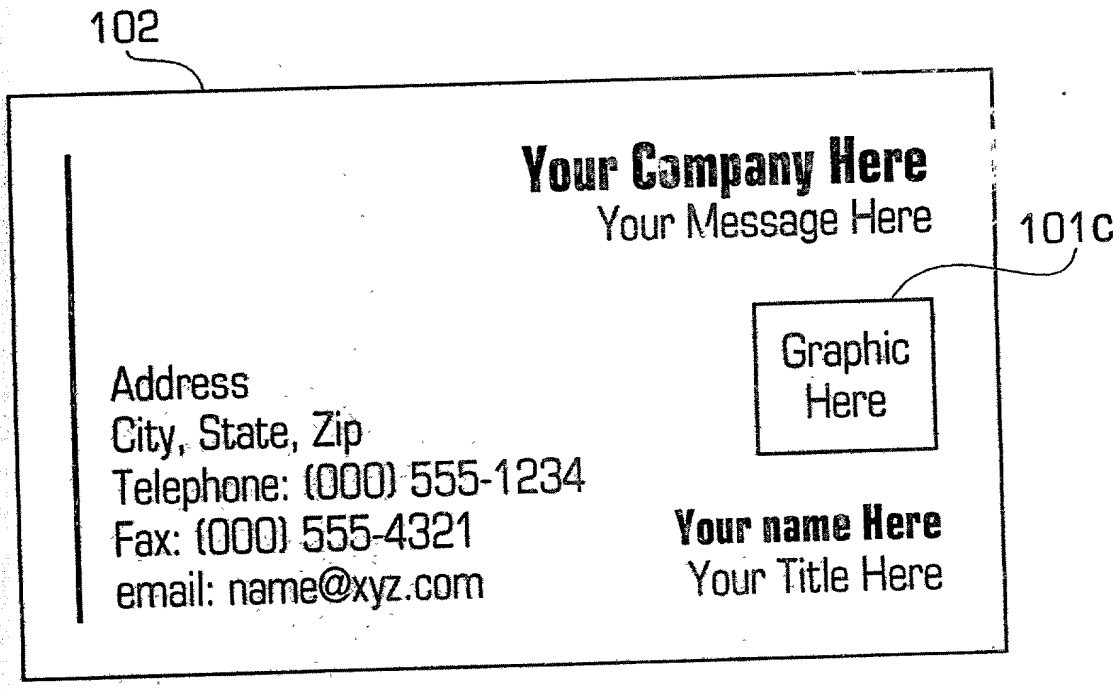

102
Your Company Here
Your Message Here
101c
Graphic Here
Address
City, State, Zip
Telephone: (000) 555-1234
Fax: (000) 555-4321
email: name@xyz.com
Your name Here
Your Title Here

FIG. 8C

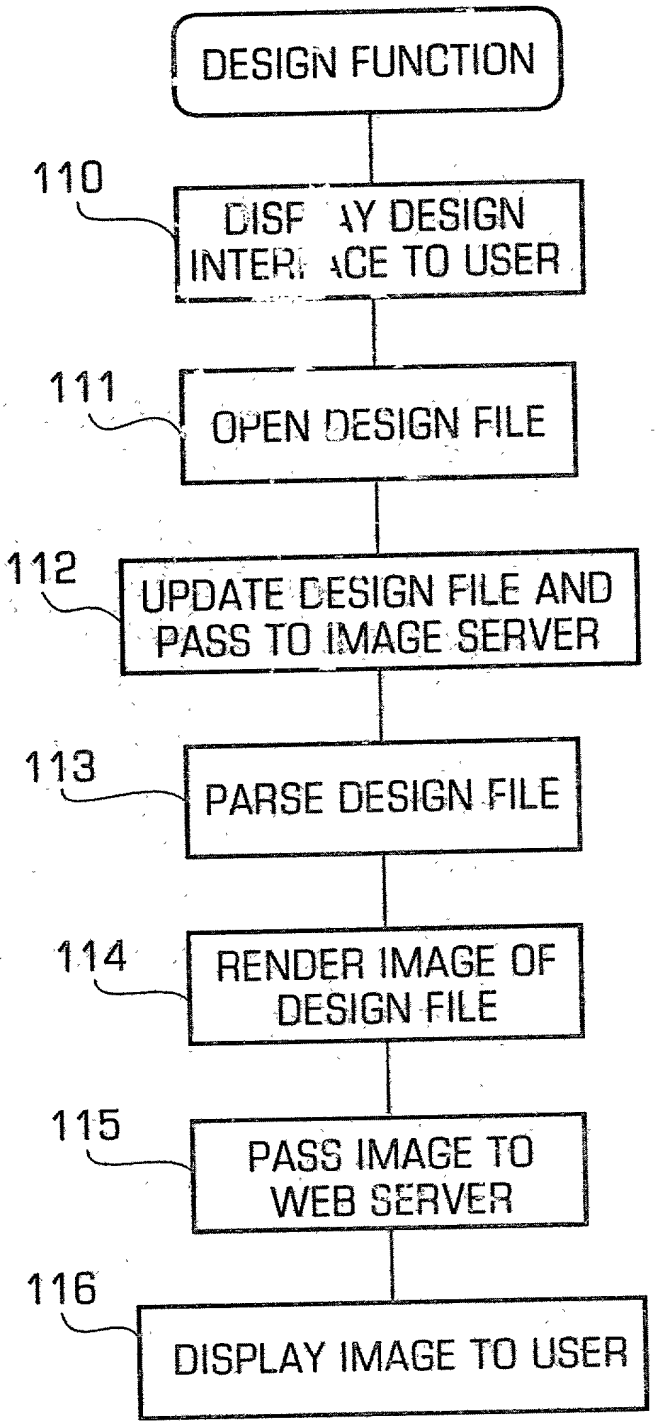

DESIGN FUNCTION
110
DISP AY DESIGN INTER ACE TO USER
111
OPEN DESIGN FILE
112
UPDATE DESIGN FILE AND PASS TO IMAGE SERVER
113
PARSE DESIGN FILE
114
RENDER IMAGE OF DESIGN FILE
115
PASS IMAGE TO WEB SERVER
116
DISPLAY IMAGE TO USER

FIG. 9

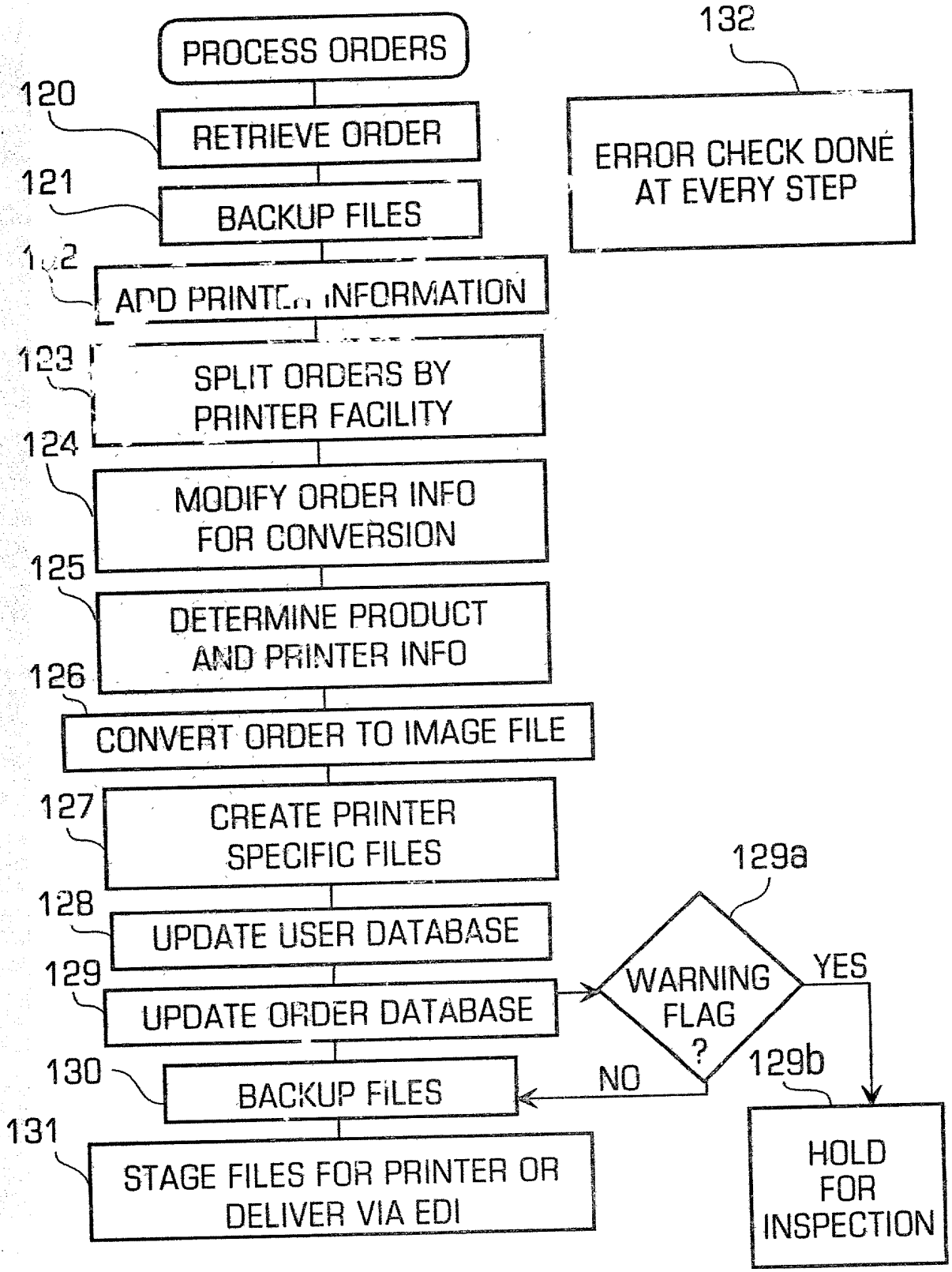

PROCESS ORDERS
120
RETRIEVE ORDER
121
BACKUP FILES
122
ADD PRINTER INFORMATION
123
SPLIT ORDERS BY PRINTER FACILITY
124
MODIFY ORDER INFO FOR CONVERSION
125
DETERMINE PRODUCT AND PRINTER INFO
126
CONVERT ORDER TO IMAGE FILE
127
CREATE PRINTER SPECIFIC FILES
128
UPDATE USER DATABASE
129
UPDATE ORDER DATABASE
130
BACKUP FILES
131
STAGE FILES FOR PRINTER OR DELIVER VIA EDI
132
ERROR CHECK DONE AT EVERY STEP
129a
WARNING FLAG ?
YES
NO
129b
HOLD FOR INSPECTION

FIG. 10

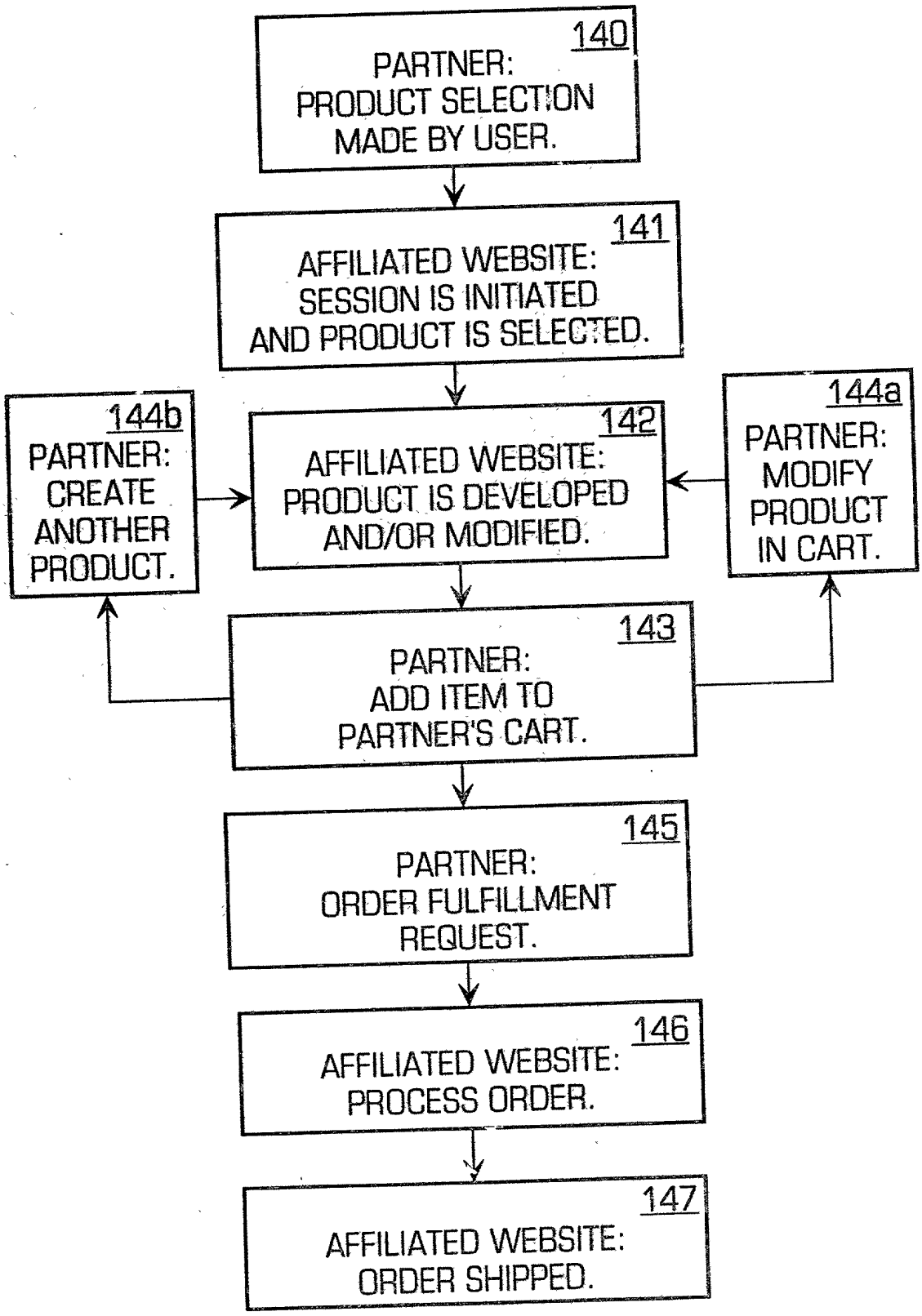

140
PARTNER: PRODUCT SELECTION MADE BY USER.
141
AFFILIATED WEBSITE: SESSION IS INITIATED AND PRODUCT IS SELECTED.
142
AFFILIATED WEBSITE: PRODUCT IS DEVELOPED AND/OR MODIFIED.
144b
PARTNER: CREATE ANOTHER PRODUCT.
144a
PARTNER: MODIFY PRODUCT IN CART.
143
PARTNER: ADD ITEM TO PARTNER'S CART.
145
PARTNER: ORDER FULFILLMENT REQUEST.
146
AFFILIATED WEBSITE: PROCESS ORDER.
147
AFFILIATED WEBSITE: ORDER SHIPPED.

FIG. 11

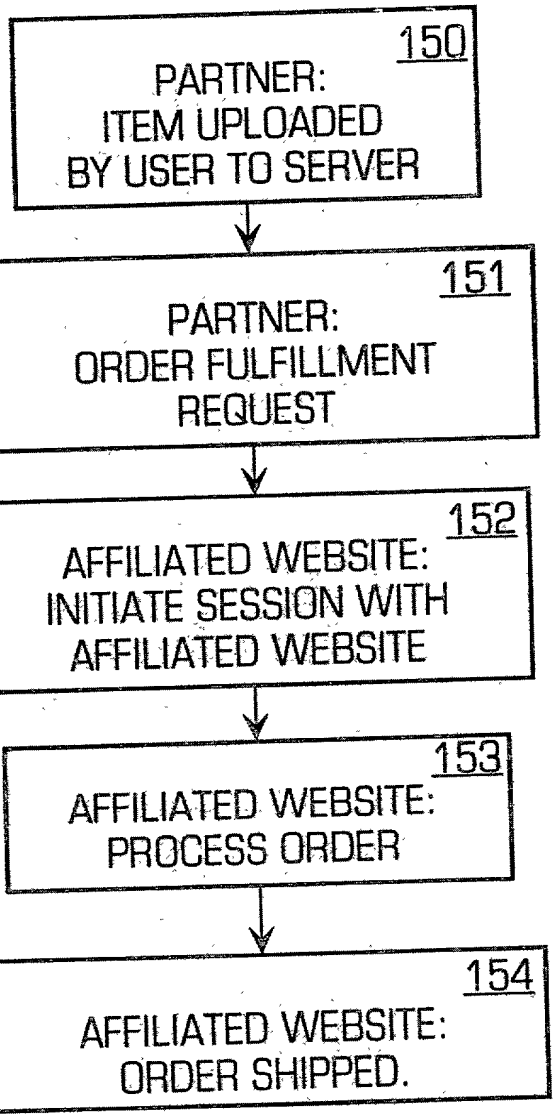

150
PARTNER:
ITEM UPLOADED
BY USER TO SERVER
151
PARTNER:
ORDER FULFILLMENT
REQUEST
152
AFFILIATED WEBSITE:
INITIATE SESSION WITH
AFFILIATED WEBSITE
153
AFFILIATED WEBSITE:
PROCESS ORDER
154
AFFILIATED WEBSITE:
ORDER SHIPPED.

FIG. 12

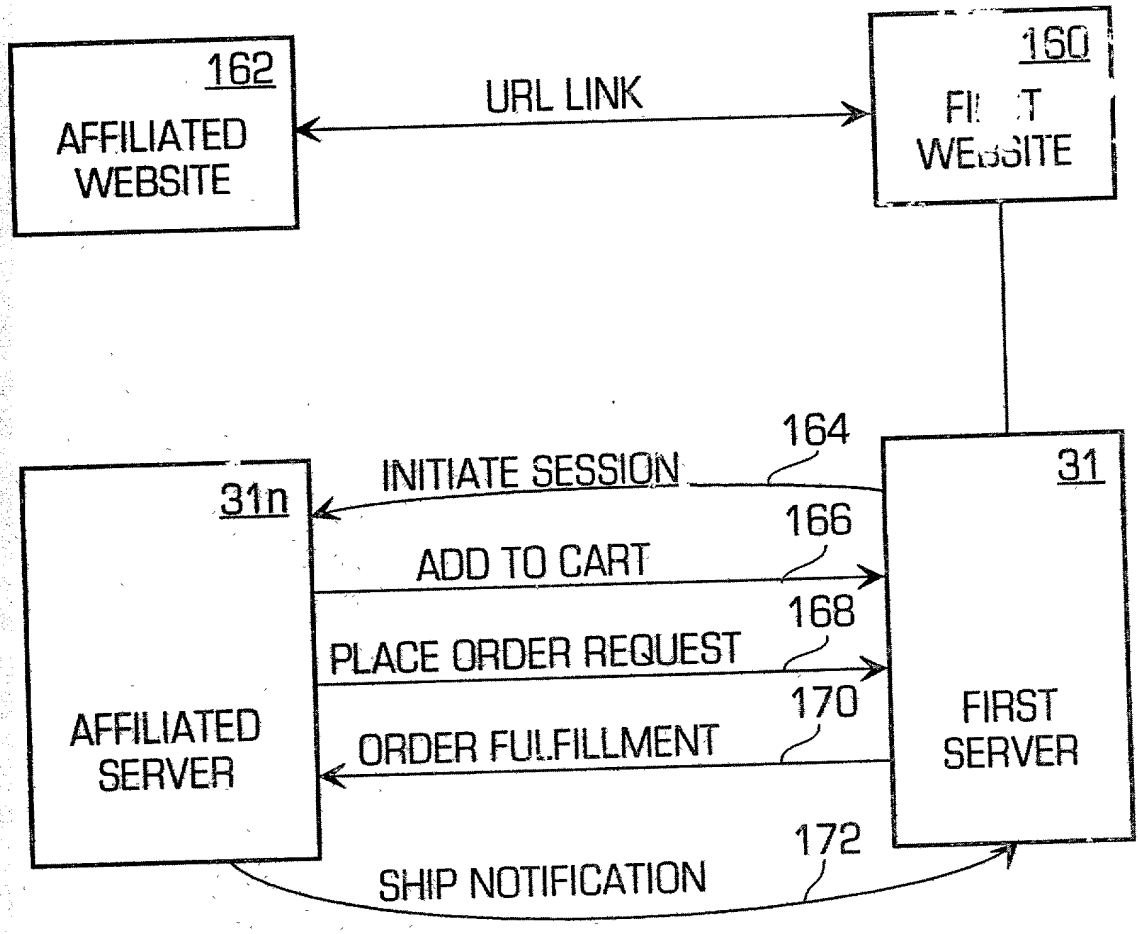

162
AFFILIATED WEBSITE
URL LINK
160
FIRST WEBSITE
164
INITIATE SESSION
31n
31
166
ADD TO CART
168
PLACE ORDER REQUEST
170
ORDER FULFILLMENT
AFFILIATED SERVER
FIRST SERVER
172
SHIP NOTIFICATION

FIG. 13